

THE ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES
CONTENTS OF VOLUME 108

1997 JANUARY, Number 1

	Page
THE PRIMORDIAL HELIUM ABUNDANCE: SYSTEMATIC EFFECTS AND A NEW DETERMINATION <i>Yuri I. Izotov, Trinh X. Thuan, & Valentin A. Lipovetsky</i>	1
A 20 CENTIMETER VLA SURVEY OF ABELL CLUSTERS OF GALAXIES. VII. DETAILED RADIO IMAGES <i>Frazer N. Owen & Michael J. Ledlow</i>	41
A CATALOG OF FAINT INTERACTING GALAXIES IN PAIRS AND GROUPS <i>Duília F. de Mello, Leopoldo Infante, & Felipe Menanteau</i>	99
H II REGION POPULATION IN A SAMPLE OF NEARBY GALAXIES WITH NUCLEAR ACTIVITY. I. DATA AND GENERAL RESULTS <i>Rosa M. González Delgado, Enrique Pérez, Clive Tadhunter, José M. Vilchez, & José Miguel Rodríguez-Espinosa</i>	155
H II REGION POPULATION IN A SAMPLE OF NEARBY GALAXIES WITH NUCLEAR ACTIVITY. II. LUMINOSITY FUNCTION, SIZE, AND RADIAL DISTRIBUTIONS <i>Rosa M. González Delgado & Enrique Pérez</i>	199
THE DISKS OF GALAXIES WITH SEYFERT AND STARBURST NUCLEI. I. NEAR-INFRARED COLORS AND COLOR GRADIENTS <i>L. K. Hunt, M. A. Malkan, M. Salvati, N. Mandolesi, E. Palazzi, & R. Wade</i>	229
IDENTIFICATION OF SUPERNOVA REMNANTS IN THE SCULPTOR GROUP GALAXIES NGC 300 AND NGC 7793 <i>William P. Blair & Knox S. Long</i>	261
THE DOMINION RADIO ASTROPHYSICAL OBSERVATORY GALACTIC PLANE SURVEY PILOT PROJECT: THE W3/W4/W5/HB 3 REGION <i>M. Normandeau, A. R. Taylor, & P. E. Dewdney</i>	279
A LINE SURVEY OF ORION KL FROM 325 TO 360 GHz <i>P. Schilke, T. D. Groesbeck, G. A. Blake, & T. G. Phillips</i>	301
THE CHEMICAL EVOLUTION OF COOL WHITE DWARFS AND THE AGE OF THE LOCAL GALACTIC DISK <i>P. Bergeron, Maria Teresa Ruiz, & S. K. Leggett</i>	339
COLLISION STRENGTHS FROM GROUND LEVELS OF Fe xvii BY INCLUDING RELATIVISTIC TERM COUPLING EFFECTS <i>Man Mohan, Rinku Sharma, & W. Eissner</i>	389
OSCILLATOR STRENGTHS FOR TRANSITIONS IN O iii <i>K. M. Aggarwal, A. Hibbert, & F. P. Keenan</i>	393
NEW INSTRUCTIONS TO AUTHORS	i

1997 FEBRUARY, Number 2

AN ATLAS OF COMPUTED EQUIVALENT WIDTHS OF QUASAR BROAD EMISSION LINES <i>Kirk Korista, Jack Baldwin, Gary Ferland, & Dima Verner</i>	401
STUDY OF THE VIRGO CLUSTER USING THE B-BAND TULLY-FISHER RELATION <i>Naoki Yasuda, Masataka Fukugita, & Sadanori Okamura</i>	417
SPECTROSCOPY OF LUMINOUS INFRARED GALAXIES AT 2 MICRONS. II. DATA FOR GALAXIES WITH $11.2 \leq \log (L_{\text{IR}}/L_{\odot}) \leq 11.9$ <i>Jeffrey D. Goldader, R. D. Joseph, René Doyon, & D. B. Sanders</i>	449
A SURVEY OF THE PRINCIPAL MODES OF NONAXISYMMETRIC INSTABILITY IN SELF-GRAVITATING ACCRETION DISK MODELS <i>Saied W. Andalib, Joel E. Tohline, & Dimitris M. Christodoulou</i>	471

	<i>Page</i>
H I 21 CENTIMETER ABSORPTION LINE STUDY OF THE W51 COMPLEX <i>Bon-Chul Koo</i>	489
THE SPECTRUM OF PLANETARY NEBULA NGC 6884 <i>Hyung Siek, Lawrence H. Aller, & Walter A. Feibelman</i>	503
SOUTHERN EMISSION-LINE FLUX STANDARDS <i>M. A. Dopita & C. T. Hua</i>	515
NONLOCAL TIME-DEPENDENT CONVECTION THEORY <i>D. R. Xiong, Q. L. Cheng, & L. Deng</i>	529
AN ALL-SKY CATALOG OF FAINT EXTREME ULTRAVIOLET SOURCES <i>M. Lampton, R. Lieu, J. H. M. M. Schmitt, S. Bowyer, W. Voges, J. Lewis, & X. Wu</i>	545
SPECTROSCOPIC STUDIES OF DB WHITE DWARFS: IMPROVED STARK PROFILES FOR OPTICAL TRANSITIONS OF NEUTRAL HELIUM <i>A. Beauchamp, F. Wesemael, & P. Bergeron</i>	559
OSCILLATOR STRENGTHS FOR TRANSITIONS IN Ca xv AND Fe xxi <i>K. M. Aggarwal, A. Hibbert, F. P. Keenan, & P. H. Norrington</i>	575
INDEX TO VOLUME 108	i

